





INTERNATIONAL PRELIMINARY EXAMINATION REPORT

▲ □'		PCT		10/531908
anslation	INTERNATIO	NAL PRELIMINARY	Y EXAMINA	
		(PCT Article 36 ar	nd Rule 70)	
Applicant's or agent's fil W1.2132	i i	FOR FURTHER ACTION		ation of Transmittal of Intern Examination Report (Form PCT/IPE.
International application PCT/DE2003		International filing date (day 20 October 2003 (20		Priority date (day/month/year) 19 October 2002 (19.10.20
International Patent Class B65H 23/00	sification (IPC) or nat	ional classification and IPC		
Applicant	KOENI	G & BAUER AKTIEN	GESELLSC	HAFT
Authority and is 2. This REPORT of this representations is the second of the second o	consists of a total of cont is also accompanioned and are the bas	blicant according to Article 3 4 sheets, included by ANNEXES, i.e., sheet	ing this cover s s of the descript ts containing re	ion, claims and/or drawings which hactifications made before this Autho
		ral of sheets.		
5. This report cont	anis muicanons relam			
ı 🖂	Basis of the report	ng to the following items:		
л □	Basis of the report Priority	ng to the following items:		
п 🗌	Priority		velty, inventive s	step and industrial applicability
	Priority	of opinion with regard to nov	velty, inventive s	step and industrial applicability
ш	Priority Non-establishment of Lack of unity of inventors	of opinion with regard to nov	·	step and industrial applicability inventive step or industrial applicabil
ш [] гv []	Priority Non-establishment of Lack of unity of inventors	of opinion with regard to now ention under Article 35(2) with reg ations supporting such states	·	
ш гv v	Priority Non-establishment of Lack of unity of invented the statement citations and explan Certain documents of	of opinion with regard to now ention under Article 35(2) with reg ations supporting such states	·	
ш rv v vi	Priority Non-establishment of Lack of unity of inventority Reasoned statement citations and explant Certain documents of Certain defects in the	of opinion with regard to novention under Article 35(2) with regations supporting such states	gard to novelty, i	
ш	Priority Non-establishment of Lack of unity of inverse control of the Certain documents of Certain defects in the Certain observations	of opinion with regard to now ention under Article 35(2) with reg ations supporting such states sited e international application s on the international applica	gard to novelty, i	nventive step or industrial applicabil
III	Priority Non-establishment of Lack of unity of inverse control of the Certain documents of Certain defects in the Certain observations	of opinion with regard to now ention under Article 35(2) with reg ations supporting such states sited e international application s on the international applica	gard to novelty, inent	nventive step or industrial applicabil

Form PCT/IPEA/409 (cover sheet) (January 1994)



I. Basis of the report									
1. This report under Articl	has been drawn o	on the basis of in this report a	(Replacement sheets s "originally filed"	which have been furnished to and are not annexed to the r	the receiving Office in response to an invitation eport since they do not contain amendments.):				
	the international	application as	originally filed.		. ·				
	the description,	pages	·	, as originally filed,	•				
		pages	3-13	, filed with the demand,					
		pages	1, 2, 2a	, filed with the letter of	19 November 2004 (19.11,2004) ,				
		pages		, filed with the letter of	·				
\boxtimes	the claims,			_ , as originally filed,					
		Nos		, as amended under Artic	le 19,				
				_, filed with the demand,					
					19 November 2004 (19.11.2004),				
		Nos		_, filed with the letter of					
	the drawings,	sheets/fig _	1/3-3/3	_, as originally filed,	•				
		sheets/fig	· · ·	_ , filed with the demand,					
					,				
		sheets/fig _		_, filed with the letter of	•				
2. The amend	lments have result	ed in the canc	ellation of:						
	the description,	pages							
	the claims,	Nos							
	the drawings,	sheets/fig _							
3. This to g	This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).								
4. Additional	observations, if n	ecessary:							
i									

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Intern application No.
PCT/DE 03/03474

v .	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement							
1.	Statement							
	Novelty (N)	Claims	1-25	YES				
		Claims		_ NO				
	Inventive step (IS)	Claims	1-25	YES				

Claims NO

Industrial applicability (IA)

Claims

1-25

YES

NO

2. Citations and explanations

An adjustable guide element as per the preamble of independent claims 1 and 2 is disclosed by, for example, DE-A-10115916.

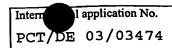
The subject matter of claims 1 and 2 differs from the known guide element by the common feature that the diameter of the apertures is <500 μ m and in each angular position of the guide element the fluid is discharged from the microapertures over the entire circumference of the guide element or is also discharged from areas not looped by the web.

The subject matter of claims 1 and 2 is therefore novel (PCT Article 33(2)).

The problem addressed by the present invention may therefore be considered that of providing a structurally simple guide element inclinable towards the web with a homogeneous air cushion and, at the same time, with low fluid losses.

The proposed solution consists in translating into practice the knowledge that, at a low volume flow,

INTERNATIONAL PRELIMINARY EXAMINATION REPORT



microapertures <500 μm in diameter generate a homogeneous fluid cushion, thereby rendering redundant elaborate structures for avoiding fluid losses in the area not looped by the web.

The known prior art documents, whether considered individually or taken in combination, could not suggest a subject matter with the features of claims 1 and 2 for the indicated purpose.

Claims 1 and 2 therefore involve an inventive step and meet, as do the advantageous developments shown in dependent claims 3-25, the requirements of PCT Article 33(1) to (4).